05-90
1025 #3 01/PE

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/900,754 ENTERED CRF Processing Date: 10/25/2001
Edited by:
Verified by: (STIC staf

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically:

  _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

  _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

  _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

  _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:

  _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:

  _____
- ☑ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically:

  _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically:

  _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a Patentin bug). Sequences corrected: _____
- ☐ Other:

  _____

  _____

  _____

  _____

Examiner: The above corrections must be communicated to the applicant in the first Office Action! DO NOT send a copy of this form.

3/1/95

OIPE

RAW SEQUENCE LISTING DATE: 10/25/2001
PATENT APPLICATION: US/09/900,754 TIME: 20:16:13

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\10252001\I900754.raw

<110> APPLICANT: Allen, Keith D.
Leviten, Michael W.
<120> TITLE OF INVENTION: TRANSGENIC MICE CONTAINING TRYPTASE GENE DISRUPTIONS
<130> FILE REFERENCE: R-372
<140> CURRENT APPLICATION NUMBER: US 09/900,754
<141> CURRENT FILING DATE: 2001-07-06
<150> PRIOR APPLICATION NUMBER: US 60/216,109
<151> PRIOR FILING DATE: 2000-07-06
<150> PRIOR APPLICATION NUMBER: US 60/223,172
<151> PRIOR FILING DATE: 2000-08-07
<150> PRIOR APPLICATION NUMBER: US 60/244,111
<151> PRIOR FILING DATE: 2000-10-26
<160> NUMBER OF SEQ ID NOS: 4
<170> SOFTWARE: FastSEQ for Windows Version 4.0
<210> SEQ ID NO: 1
<211> LENGTH: 1122
<212> TYPE: DNA
<213> ORGANISM: Mus musculus
<400> SEQUENCE: 1
atggctctgg ggcccaactg tggcatccta ctgtttctgg ctgtttctgg gtgtggccat 60
ccccaggttt caaactcggg aagtcgaatc gtgggagggc atgctgcccc agcaggcaca 120
tggccgtggc aggctagcct ccgtctgcac aaggtgcacg tgtgtggagg ctccctgctc 180
agtccagaat gggtgctcac agcagcccac tgcttctctg ggtctgtgaa ctcgtctgat 240
tatcaggtgc acttgggaga gcttacggtc acactgtctc cccacttctc cactgtaaaa 300
cggatcatca tgtacactgg ctctccagga ccaccggggt ccagtgggga cattgccctg 360
gtgcagctgt cctccccggt ggcccctttcc agccaggtcc agcctgtgtg cctcccagag 420
gcctcagctg acttctaccc tgggatgcag tgctgggtga ctggctgggg ctatacaggg 480
gagggagagc ctctgaagcc cccatacaac cttcaggagg ccaaagtctc tgtggtggat 540
gtaaagacct gcagccaggc ttacaatagt cccaatggca gcctcatcca gccagacatg 600
ctatgcgccc ggggccctgg ggatgcctgc caggatgact ctggagggcc actagtctgc 660
caggtggctg gaacctggca gcaggccggc gttgtcagct ggggtgaggg ctgtggccgc 720
cctgaccgcc ctggcgtcta tgcccgggtt actgcctatg taaactggat ccaccaccac 780
atcccggaag caggggctc aggaatgcaa gggcttccct gggctcctct cctggctgcc 840
ctcttctggc caagcctctt cctgctgctg gtctctggag tcctgatggc caagtactgg 900
ctgagctctc cctcccacgc ggcctcggaa ctctgaatga ggtgtagcaa ccaacccaag 960
tgtctttctt aaataagtta gtgtttattc agtttgcttt gcccctcccc tcccttagc 1020
tttgacttag gaagccaaag ttttctgcat cagattattg caacatttaa cctgaatttg 1080
tagaacggat gacataaagc aaatggatgt caaaaaaaaa aa 1122
<210> SEQ ID NO: 2
<211> LENGTH: 311
<212> TYPE: PRT
<213> ORGANISM: Mus musculus
<400> SEQUENCE: 2
Met Ala Leu Gly Pro Asn Cys Gly Ile Leu Leu Phe Leu Ala Val Ser
1 5 10 15
Gly Cys Gly His Pro Gln Val Ser Asn Ser Gly Ser Arg Ile Val Gly

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```
63              20                  25                  30
64 Gly His Ala Ala Pro Ala Gly Thr Trp Pro Trp Gln Ala Ser Leu Arg
65          35                  40                  45
66 Leu His Lys Val His Val Cys Gly Gly Ser Leu Leu Ser Pro Glu Trp
67      50                  55                  60
68 Val Leu Thr Ala Ala His Cys Phe Ser Gly Ser Val Asn Ser Ser Asp
69 65                  70                  75                  80
70 Tyr Gln Val His Leu Gly Glu Leu Thr Val Thr Leu Ser Pro His Phe
71                  85                  90                  95
72 Ser Thr Val Lys Arg Ile Ile Met Tyr Thr Gly Ser Pro Gly Pro Pro
73              100                 105                 110
74 Gly Ser Ser Gly Asp Ile Ala Leu Val Gln Leu Ser Ser Pro Val Ala
75          115                 120                 125
76 Leu Ser Ser Gln Val Gln Pro Val Cys Leu Pro Glu Ala Ser Ala Asp
77      130                 135                 140
78 Phe Tyr Pro Gly Met Gln Cys Trp Val Thr Gly Trp Gly Tyr Thr Gly
79 145                 150                 155                 160
80 Glu Gly Glu Pro Leu Lys Pro Pro Tyr Asn Leu Gln Glu Ala Lys Val
81                  165                 170                 175
82 Ser Val Val Asp Val Lys Thr Cys Ser Gln Ala Tyr Asn Ser Pro Asn
83              180                 185                 190
84 Gly Ser Leu Ile Gln Pro Asp Met Leu Cys Ala Arg Gly Pro Gly Asp
85          195                 200                 205
86 Ala Cys Gln Asp Asp Ser Gly Gly Pro Leu Val Cys Gln Val Ala Gly
87      210                 215                 220
88 Thr Trp Gln Gln Ala Gly Val Val Ser Trp Gly Glu Gly Cys Gly Arg
89 225                 230                 235                 240
90 Pro Asp Arg Pro Gly Val Tyr Ala Arg Val Thr Ala Tyr Val Asn Trp
91                  245                 250                 255
92 Ile His His His Ile Pro Glu Ala Gly Gly Ser Gly Met Gln Gly Leu
93              260                 265                 270
94 Pro Trp Ala Pro Leu Leu Ala Ala Leu Phe Trp Pro Ser Leu Phe Leu
95          275                 280                 285
96 Leu Leu Val Ser Gly Val Leu Met Ala Lys Tyr Trp Leu Ser Ser Pro
97      290                 295                 300
98 Ser His Ala Ala Ser Glu Leu
99 305                 310
102 <210> SEQ ID NO: 3
103 <211> LENGTH: 200
104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Targeting Vector
110 <400> SEQUENCE: 3
111 ggagtcatgg agggctccca gagaaagggc attgagcaga atgccggtct ccagattccc 60
112 tcaccaacag tgtctcctct ggatcagggt gtggccatcc ccaggtttca aactcgggaa 120
113 gtcgaatcgt gggagggcat gctgccccag caggcacatg gccgtggcag gctagcctcc 180
114 gtctgcacaa ggtgacgtgt                                            200
116 <210> SEQ ID NO: 4
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PATENT APPLICATION: US/09/900,754 TIME: 20:16:13

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Output Set: N:\CRF3\10252001\I900754.raw

117 <211> LENGTH: 200
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Targeting Vector
124 <400> SEQUENCE: 4
125 ctccactgta aaacggatca tcatgtacac tggctctcca ggaccaccgg ggtccagtgg 60
126 ggacattgcc ctggtgcagc tgtcctcccc ggtggccctt tccagccagg tccagcctgt 120
127 gtgcctccca gaggcctcag ctgacttcta ccctgggatg cagtgctggg tgactggctg 180
128 gggctataca ggggagggag 200

VERIFICATION SUMMARY DATE: 10/25/2001
PATENT APPLICATION: US/09/900,754 TIME: 20:16:14

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